

A System and Method for High Throughput Processing of Droplets

Abstract

5 A method for high throughput processing of a plurality of droplets. The
droplets are dispensed onto a moving surface and delayed in a delay line in
which the droplets hang from the moving surface for at least a specified
minimum period of time. A laminate may be spooled onto the moving surface
and each droplet may be dispensed onto the laminate. At least one operation is
10 performed on each droplet from the group of operations consisting of mixing,
diluting, concentration, heating, cooling, humidifying, filtering, and analyzing.
The laminate may then, in certain embodiments, be spooled off the moving
surface, processed, and reused.

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